

**Northern Colorado Amateur Radio Club**

P.O. Box 272956  
Fort Collins, CO 80527-2956

# **The Tribander**

**The monthly Newsletter of the Northern Colorado Amateur Radio Club**

**Club Meetings are held on the 3<sup>rd</sup> Saturday of each month.**

**September Meeting**

Boyd Lake Picnic Area  
Boyd Lake State Park  
Loveland, CO

**All are welcome and encouraged to attend.**

# NCARC Club Information

## Club Officers

<b>President</b>	<b>Dan Magro</b>	<b>W7RF</b>	<b>(970)295-4200</b>	<a href="mailto:w7rf@radiodan.com">w7rf@radiodan.com</a>
<b>Vice President</b>	<b>Tom Jungmeyer</b>	<b>K1TJ</b>	<b>(970)484-8329</b>	<a href="mailto:tom@completetowing.com">tom@completetowing.com</a>
<b>Secretary</b>	<b>Dave Langenberg</b>	<b>KC9FOO</b>	<b>(773)612-8435</b>	<a href="mailto:dave@thelangenbergs.com">dave@thelangenbergs.com</a>
<b>Treasurer Membership Chair</b>	<b>Willis Whatley</b>	<b>WA5VRL</b>	<b>(970)407-6599</b>	<a href="mailto:whatley@frii.com">whatley@frii.com</a>
<b>Interference Coordinator</b>	<b>Larry Arave</b>	<b>W7LRY</b>	<b>(970)206-1281</b>	<a href="mailto:larv@outdrs.net">larv@outdrs.net</a>
<b>Newsletter</b>	<b>Chris Howard</b>	<b>W0EP</b>	<b>(970)493-2309</b>	<a href="mailto:chris@yipyap.com">chris@yipyap.com</a>
<b>Technical Chair</b>	<b>Eric Slutz</b>	<b>N0EAS</b>	<b>(970)282-3752</b>	<a href="mailto:eric@redginger.com">eric@redginger.com</a>
<b>Hamfest Chair</b>	<b>Matt Kassawara</b>	<b>KG0W</b>	<b>(970)433-2123</b>	<a href="mailto:battery@writeme.com">battery@writeme.com</a>

## NCARC Repeaters

<b>W0UPS: 145.115 MHz</b> – (144.515 MHz Input) 100 Hz CTCSS Subtone (1* on, 0* off) Autopatch <b>Echolink Node 4236</b> (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
<b>W0UPS: 447.275 MHz</b> – (442.275 MHz input) 100 Hz CTCSS Subtone Autopatch (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
<b>W0UPS: 224.520 MHz</b> – (222.920 MHz input) 100 Hz CTCSS Subtone (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
<b>W0UPS: 146.625 MHz</b> – (146.025 MHz Input) 100 Hz CTCSS Subtone (40-50.266N, 105-3.017W, 5600 ft) SW of the Rawhide Power Plant, 17.5 miles north of Fort Collins, CO
<b>W0UPS: 146.850 MHz</b> – (146.250 MHz Input) 100 Hz CTCSS Subtone (1* on, 0* off) (40-18.310N, 104-35.884 W, about 4985 ft) SE of Greeley, CO <b>New location</b>
<b>W0UPS-5: 144.390 MHz</b> – APRS Digital Repeater (40-32.926N, 105-11.898W, about 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
<b>W0UPS: 448.025 MHz</b> – (443.025 MHz Input) 100 Hz CTCSS Subtone <b>ARES Rptr</b> (40-26.650N, 104-59.370W, about 5192 ft) Budweiser Event Center on I-25 at MM259

## Nets

<b>ARES District 10 Information Net</b>	<b>Thursday</b>	<b>7:00 pm</b>	<b>145.115 MHz</b>
<b>ARES Statewide Net</b>	<b>Sunday</b>	<b>8:30 pm</b>	<b>145.310 MHz</b>
<b>Central Colorado Traffic Net</b>	<b>Daily</b>	<b>7:30 pm</b>	<b>145.310 MHz</b>
<b>220 MHz Informal Net</b>	<b>Monday</b>	<b>7:00 pm</b>	<b>224.520 MHz</b>
<b>Tech Net</b>	<b>Wednesday</b>	<b>7:00 pm</b>	<b>145.115 MHz</b>

## Web Page

<http://www.ncarc.net>

**Notice: NCARC Name Badges are available for only \$10 each.**

Just send your name; as you want it on your badge to **W5WIW** Willie Williams, 434 Magnolia Ct, Eaton, CO 80615, [W.I.Williams@msn.com](mailto:W.I.Williams@msn.com). It can be your full name, your first name, or your nickname and your call sign. Mail your payment for the Name Badge(s) to the NCARC P.O. Box (or bring it to the club meeting) and allow 3 to 4 weeks for processing. To view a sample of the name badges, just come to the club meeting. Willie also has shirts, patches, mugs, caps, jackets and other NCARC goodies available.

**Upcoming Hamfests**

September 5 Alamogordo Hamfest (Alamogordo, NM)  
September 27 Boulder ARC BARCFest (Longmont, CO)  
October 3 Pecos Valley ARC Swapfest (Roswell, NM)  
October 31 Socorro Amateur Radio Association (Socorro, NM)

**Colorado QSO Party – September 5 & 6**

Excerpt from complete rules which can be found at <http://www.ppraa.org/coqp/2009%20COQP%20Rules%209-1%2006-24-09.pdf>

1. **Foreword:** Welcome to the Colorado QSO Party. We hope that you enjoy the contest. All licensed radio amateur operators are encouraged to enter. Those entering are highly encouraged to read and follow all points in the rules. There are several important changes from the previous year.
2. **Object:** For amateurs outside of the state of Colorado to make contact with as many Colorado stations as possible. Colorado stations, activating as many counties as possible, work everyone.
3. **Contest:** Period is the 1st full weekend of September. The contest period for 2009 is from 1200 UTC 5 Sept. 2009 until 0400 UTC 6 Sept 2009 (6AM to 10PM MDT). Total time of 16 hours. The full 16 hours may be operated.

**220 Mhz Repeater Under Repair**

Tom, K1TJ, reports that the Horsetooth 220 Mhz repeater is currently off of the mountain for repair. K00J has had some success with the amplifier repairs also.

**Editor's Notes**

- My brain is a little dry on ham radio topics right now so the newsletter is a bit sparse. I hope to have some pictures from the Boyd Lake picnic for the October edition. (OJ! Take your camera!) Best way to fix a boring newsletter is to write something up and send it to me. Second best is to suggest a topic.
- I've been thinking about doing a longer article about the evolution of amateur radio rules/regulations/licensing/bandplan. I haven't yet come up with an angle to make it interesting. If I get it done you'll be the first to know.

**September Meeting at Boyd Lake State Park**

Picnic, BBQ, raffle, boat rides, etc.

On the regular meeting day of third Saturday (19<sup>th</sup> of September) with times of 10AM-2PM roughly.

Anyone who wishes can bring cookies, pie, cake, dessert, etc. NCARC will provide food, plates, utensils, drinks, etc. Cost is \$5 per family and will get you 5 raffle tickets, although more tickets can be purchased for increased odds of winning.

## Club Meeting Minutes

### NCARC Meeting July 18 Fire House Resturant Windsor, CO

Meeting called to order at 9:00 AM by Vice President Tom Jungmeyer K1TJ

Introductions around, there were 11 people present.

Secretary's report: none

Treasurer's report: Willis reported that we are still in the first year of the dues being due on the first of the year. He has been prorating any amounts due from members paying their dues now, and also for any new people.

As of July 17, 2009 the checking account was \$5498.46

As of June 30, 2009 the savings account was \$2158.36 (statements issued quarterly)

Control Op report: 911 was disabled on the repeater

73.30 was to be finished this weekend

Program chairman: need ideas for programs; one suggestion was for Skywarn or weather spotting for one time. Review of protocol for Skywarn reporting would be helpful.

Willis presented a QSL card which came in the post office box from Field Day. Willie said he would reply for the club. Mike N7DQ will check out a system to get QSL cards made.

August 21-23 will be the Walk-A-Thon: Word is they need 9 people to help with communications. Agreement made to let Rob Streiby take charge of this.

Reminder of ARES net on Thursday at 7:00 PM.

Meeting adjourned at 9:22 AM.

### NCARC Meeting August 15 Fire House Resturant Windsor, CO

Called to order at 9:09 AM by club President Dan Magro, W7RF.

September's meeting will be the picnic at Boyd Lake.

Work was done on the Horsetooth antennas.

Checking account: \$6450.02

Hamfest in January will be at Drake & Shields in Fort Collins.

Introductions around the room along with "most memorable contact"

Remember the Colorado QSO Party on September 5<sup>th</sup>.

Presentation by Matt, KG0W about his work with MESO weather first responders. Their website is [mcwar.org](http://mcwar.org)

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## Sun Remains Spotless

SOLAR UPDATE (from the ARRL Letter (email) Friday August 29th <http://www.arrl.org/arrlletter/09/0828/> )

Tad "The Sun just touched the morning" Cook, K7RA, this week reports:

Sunspot numbers for August 20-26 were 0, 0, 0, 0, 0, 0 and 0 with a mean of 0. The 10.7 cm flux was 67.6, 66.4, 66.6, 67.3, 67.6, 67.1 and 67.3 with a mean of 67.1. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <<http://www.arrl.org/tis/info/propagation.html>>.



Northern Colorado

# Amateur Radio Club Information/Application Form



- I would like more information on Amateur Radio.
- I want to join the NCARC. My payment is enclosed.
- I want to renew my membership. My payment is enclosed.

**Annual Dues:**  
**Family Membership: \$25.00**  
**Full Time Students: \$5.00**

BEFORE FILLING THIS OUT, READ THIS MESSAGE -----



Name: \_\_\_\_\_

Callsign: \_\_\_\_\_

Street: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

License Class: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

You only need to fill in your name or callsign and anything that has changed. Any items left blank will be assumed to be correct in the NCARC database.

If you would like to receive the newsletter by E-mail, please indicate so here.



Receive Newsletter by E-mail?    YES    NO

Student?    YES    NO

ARRL Member?    YES    NO

Please mail this form to:    NCARC  
 P.O. Box 272956  
 Fort Collins, CO 80527-2956